# EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|-----|------------------|---------|------------|
| L11 | 66 | ("4123316" \| "4261762" \| "4350578" \| "4427516" \| "4427762" \| "4430547" \| "4457359" \| "4512391" \| "4565601" \| "4711698" \| "4756810" \| "4786352" \| "4786359" \| "4793897" \| "4807016" \| "4810935" \| "4842683" \| "4870245" \| "4918031" \| "4948458" \| "4990229" \| "5000113" \| "5006220" \| "5015330" \| "5074456" \| "5085727" \| "5169487" \| "5180226" \| "5187454" \| "5203956" \| "5241245" \| "5249251" \| "5258824" \| "5276693" \| "5277751" \| "5326404" \| "5346578" \| "5349313" \| "5392018" \| "5399237" \| "5401350" \| "5414246" \| "5423945" \| "5477975" \| "5514246" \| "5529657" \| "5556501" \| "5830277"). PN. OR ("6218312"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 08:47 |
| L12 | 10 | "6133152" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:02 |
| L14 | 338236 | (chamber liner wall) with (cool$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/03/24 09:13 |
| L15 | 2531 | (chamber liner wall) with (cool$3) and (rtp rapid adj thermal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/03/24 09:13 |
| L16 | 2449 | (chamber liner wall) with (cool$3) and (rtp rapid adj thermal) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:14 |
| L17 | 3 | (chamber liner wall) with (cool$3) and (rtp rapid adj thermal) | JPO | OR | ON | 2010/03/24 09:14 |
| L18 | 487 | ("118" "156").clas. and 16 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:14 |
| L19 | 89 | (liner) with (cool$3) and (rtp rapid adj thermal) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:14 |

| L20 | 181 | (jacket) with (cool$3) and (rtp rapid adj thermal) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:16 |
|---|---|---|---|---|---|---|
| L21 | 33 | ("118" "156").clas. and 20 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:16 |
| L22 | 33 | ("3945864" \| "5403434" \| "5968279" \| "6008128" \| "6107197" \| "6171965" \| "6391796").PN. OR ("6562720").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:19 |
| L23 | 11 | ("4503807" \| "4736705" \| "4792378").PN. OR ("5405444").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:26 |
| L24 | 596 | (chamber liner wall) with (cool$3) with water and (rtp rapid adj thermal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/03/24 09:30 |
| L25 | 158 | ("118" "156").clas. and 24 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:30 |
| L26 | 11 | ("4503807" \| "4736705" \| "4792378").PN. OR ("5405444").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 09:40 |
| L27 | 44 | ("5710407").URPN. | USPAT | OR | ON | 2010/03/24 10:19 |
| L28 | 13 | ("4738618" \| "4925388" \| "5000682" \| "5590996" \| "5820366" \| "5846073" \| "5904478" \| "5908292" \| "5947718" \| "5994675" \| "6164963" \| "6191388" \| "6879778").PN. OR ("7371998").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 10:27 |
| L29 | 4 | "6143079" and gate adj valve | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/24 10:55 |
| S1 | 1 | "7022948" | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/25 14:28 |
| S2 | 194 | ("20010000866" \| "20010009140" \| "20010011526" \| "20010013312" \| "20010014371" \| "20010031562" \| "20010034123" \| "20010041250" \| "20010042523" \| "20010042799" \| "20010054377" \| "20020000196" \| "20020007790" \| "20020041931" \| "20020052097" \| "20020086106" \| "20020092471" \| "20020094689" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/25 14:28 |

"20020108570" |
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"5503875" | "5521126" |
"5527733" | "5532511" |
"5540783" | "5561735" |
"5567152" | "5580380" |
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PN. OR ("5730801" |
"5730802" | "5747113" |
"5749974" | "5788447" |
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"5801634" | "5807792" |
"5830270" | "5835677" |

| | | "5850071" \| "5851849" \| "5855675" \| "5855680" \| "5856219" \| "5858102" \| "5866213" \| "5866795" \| "5879459" \| "5882165" \| "5882413" \| "5904565" \| "5916365" \| "5923056" \| "5923985" \| "5925574" \| "5928389" \| "5942040" \| "5947710" \| "5972430" \| "6001669" \| "6015590" \| "6025627" \| "6036773" \| "6042652" \| "6043177" \| "6046439" \| "6051286" \| "6062798" \| "6071808" \| "6084302" \| "6086677" \| "6110556" \| "6113977" \| "6117244" \| "6124158" \| "6130147" \| "6139700" \| "6140237" \| "6140238" \| "6143659" \| "6144060" \| "6147334" \| "6151447" \| "6158446" \| "6174377" \| "6174809" \| "6183563" \| "6200893" \| "6203613" \| "6206967" \| "6207302" \| "6231672" \| "6248605" \| "6270572" \| "6271148" \| "6287965" \| "6291876" \| "6305314" \| "6306216" \| "6316098" \| "6447607" \| "6478872" \| "6481945" \| "6511539" \| "6551406"). PN. | | | | | |
|---|---|---|---|---|---|---|
| S3 | 697 | ("118" "156").clas. and liner with (angle degree) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/25 14:40 |
| S4 | 30 | ("118" "156").clas. and (chamber reactor vessel) with liner with (angle degree) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/25 14:40 |
| S5 | 4 | ("3031099").URPN. | USPAT | OR | ON | 2009/09/25 15:00 |
| S6 | 1 | 10/595994 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 11:16 |
| S7 | 1 | "6391804" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 11:22 |
| S8 | 5 | ("5203958" \| "5503881" \| "5504831" \| "5654904" \| "5762713").PN. OR ("6391804").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 11:23 |
| S9 | 1 | 09/590824 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 11:23 |
| S10 | 1 | "20050268567" | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 11:23 |

| S11 | 0 | ("2005/0268567").URPN. | USPAT | OR | ON | 2010/03/22 11:23 |
|-----|---|------------------------|-------|-----|-----|------------------|
| S12 | 367 | (cool$3) with window and ("118" "156").clas. | USPAT | OR | ON | 2010/03/22 11:35 |
| S13 | 16 | ("5262610" \| "5368685"). PN. OR ("6059922"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 12:36 |
| S14 | 322 | (cool$3) near2 ring and ("118" "156").clas. | USPAT | OR | ON | 2010/03/22 14:56 |
| S15 | 199 | (cool$3) near2 ring and (118/7$ 156/345.$).ccls. | USPAT | OR | ON | 2010/03/22 14:57 |
| S16 | 318 | (cool$3) near2 ring and (118/7$ 156/345.$).ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 14:57 |
| S17 | 119 | (cool$3) near2 ring and (118/7$ 156/345.$).ccls. | US-PGPUB; USOCR | OR | ON | 2010/03/22 14:57 |
| S18 | 119 | S16 or S17 | US-PGPUB; USOCR | OR | ON | 2010/03/22 14:57 |
| S19 | 318 | S16 or S17 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 14:57 |
| S20 | 4074 | (cool$3) with window | EPO; JPO; DERWENT | OR | ON | 2010/03/22 14:58 |
| S21 | 806 | (cool$3) near2 window | EPO; JPO; DERWENT | OR | ON | 2010/03/22 14:58 |
| S22 | 45 | (cool$3) near2 window and plasma | EPO; JPO; DERWENT | OR | ON | 2010/03/22 14:58 |
| S23 | 62 | (cool$3) near2 ring and plasma | EPO; JPO; DERWENT | OR | ON | 2010/03/22 15:00 |
| S24 | 43 | ("2186450" \| "2576392" \| "2601148" \| "2613402" \| "2939186" \| "20020185229" \| "3001462" \| "3194364" \| "3373610" \| "3385285" \| "3556038" \| "3611970" \| "3899243" \| "3977251" \| "4057332" \| "4213029" \| "4295721" \| "4714333" \| "4738064" \| "4793108" \| "4799343" \| "4852508" \| "4877668" \| "4986636" \| "5161055" \| "5176029" \| "5210658" \| "5793522" \| "6002202" \| "6212989" \| "6301434" \| "6404560" \| "6559424" \| "6639745"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 15:22 |
| S25 | 1324812 | (chamber liner wall) with (arc$3 curv$3 curvature degree rectangle rectangular flow) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/03/22 16:30 |

| S26 | 6011 | (chamber liner wall) with (arc$3 curv$3 curvature degree rectangle rectangular flow) and (rtp "rapid thermal") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/03/22 16:40 |
|-----|------|-----|-----|-----|-----|-----|
| S27 | 2259 | (chamber liner wall) with (arc$3 curv$3 curvature degree rectangle rectangular) and (rtp rapid adj thermal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/03/22 16:40 |
| S28 | 13 | (chamber liner wall) with (arc$3 curv$3 curvature degree rectangle rectangular) with shape with flow and (rtp rapid adj thermal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/03/22 16:40 |
| S29 | 213 | (chamber liner wall) with (arc$3 curv$3 curvature degree rectangle rectangular) with shape and (rtp rapid adj thermal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/03/22 16:44 |
| S30 | 140 | ("3836751" \| "3862397" \| "3916822" \| "4081313" \| "4101759" \| "4113547" \| "4493977" \| "4497683" \| "4511788" \| "4533820" \| "4540876" \| "4545327" \| "4550245" \| "4649261" \| "4680451" \| "4789771" \| "4798165" \| "4821674" \| "4828224" \| "4836138" \| "4851358" \| "4920918" \| "4924807" \| "4951601" \| "4978567" \| "4986838" \| "5034199" \| "5044943" \| "5053247" \| "5074017" \| "5077875" \| "5098198" \| "5104276" \| "5106200" \| "5108792" \| "5252807"). PN. OR ("5444217"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/22 17:09 |
| S31 | 1 | (cool$3) near2 ring and rtp | EPO; JPO; DERWENT | OR | ON | 2010/03/22 18:35 |

## EAST Search History (Interference)

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**3/24/2010 11:30:34 AM**
**C:\Documents and Settings\tnuckols\My Documents\EAST\Workspaces\10\10-595994 Rapid Thermal Processing System FR search.wsp**